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**HUC: 14080101****Upper San Juan**

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**Gallegos Canyon (San Juan River to Navajo bnd)****Upper San Juan**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-9000.A_060	0.45	unclassified	2010	1/1/2004	5/5A

**Use Information:****Designated Use (s):**Livestock Watering  
Wildlife Habitat**Attainment:**Fully Supporting  
Not Supporting**Assessment Information:****Probable Causes of Impairment:**

Selenium

**TMDL Schedule:**

2004

**Probable Sources of Impairment:**Irrigated Crop Production  
Natural Sources**Assessment Unit Comments:**

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**Los Pinos River (Navajo Reservoir to CO border)****Upper San Juan**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-2407.A_10	1.46	20.6.4.407	2010	1/1/1998	3

**Use Information:****Designated Use (s):**Coldwater Fishery  
Irrigation  
Livestock Watering  
Secondary Contact  
Wildlife Habitat**Attainment:**Not Assessed  
Not Assessed  
Not Assessed  
Not Assessed  
Not Assessed**Assessment Information:****Assessment Unit Comments:**

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**Navajo Reservoir****Upper San Juan**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-2406_00	13151.19	20.6.4.406	2010	1/1/2004	5/5A

**Use Information:****Designated Use (s):****Attainment:**

Coldwater Fishery	Not Supporting
Industrial Water Storage	Fully Supporting
Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Storage	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Fishery	Not Supporting
Wildlife Habitat	Fully Supporting

**Assessment Information:****Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

2017

**Probable Sources of Impairment:**

Atmospheric Depositon - Toxics  
Source Unknown

**Assessment Unit Comments:**

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**Navajo River (CO border to Jicarilla Pueblo bnd)****Upper San Juan**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-2407.A_00	6.6	20.6.4.407	2010	1/1/1998	3

**Use Information:****Designated Use (s):****Attainment:**

Coldwater Fishery	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

**Assessment Information:****Assessment Unit Comments:**

**San Juan River (Animas River to Cañon Largo)**

**Upper San Juan**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-2401_00	21.44	20.6.4.401	2010	1/1/2004	5/5C

**Use Information:**

**Designated Use (s):**

**Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Fishery	Not Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Warmwater Fishery	Fully Supporting
Wildlife Habitat	Fully Supporting

**Assessment Information:**

**Probable Causes of Impairment:**

**TMDL Schedule:**

Fecal Coliform	2004
Mercury in Fish Tissue	2017
Sedimentation/Siltation	2004
Water Bioassays -- Acute Toxicity -- Freshwater	

**Probable Sources of Impairment:**

Crop Production (Crop Land or Dry Land)  
Drought-related Impacts  
Flow Alterations from Water Diversions  
Loss of Riparian Habitat  
Municipal Point Source Discharges  
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)  
Petroleum/natural Gas Production Activities (Permitted)  
Rangeland Grazing

**Assessment Unit Comments:**

This AU has a historic listing for stream bottom deposits. SWQB and the USDA National Sedimentation Lab are implementing a study to determine whether or not the AU is impaired due to excessive sedimentation (i.e., stream bottom deposits). This study is not yet complete as of this writing (2/4/04). Regarding the bioassay-toxicity listings, TMDLs cannot be written based on toxicity data until the specific cause of the toxicity is determined

## San Juan River (Cañon Largo to Navajo Reservoir)

## Upper San Juan

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-2405_10	19.53	20.6.4.405	2010	1/1/2004	5/5C

## Use Information:

## Designated Use (s):

## Attainment:

High Quality Coldwater Fishery  
 Industrial Water Supply  
 Irrigation  
 Livestock Watering  
 Municipal Water Supply  
 Secondary Contact  
 Wildlife Habitat

Not Supporting  
 Fully Supporting  
 Fully Supporting  
 Fully Supporting  
 Fully Supporting  
 Fully Supporting  
 Fully Supporting

## Assessment Information:

## Probable Causes of Impairment:

## TMDL Schedule:

Mercury in Fish Tissue  
 Sedimentation/Siltation

2017  
 2004

## Probable Sources of Impairment:

Atmospheric Deposition - Toxics  
 Drought-related Impacts  
 Flow Alterations from Water Diversions  
 Habitat Modification - other than Hydromodification  
 Rangeland Grazing  
 Source Unknown  
 Streambank Modifications/destabilization

## Assessment Unit Comments:

This AU has a historic listing for stream bottom deposits. SWQB and the USDA National Sedimentation Lab are implementing a study to determine whether or not the AU is impaired due to excessive sedimentation (i.e., stream bottom deposits). This study is not yet complete as of this writing (4/4/04). The fish consumption guideline for Mercury in Fish Tissue is for the portion downstream of the Hammond Diversion.

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**HUC: 14080104****Animas**

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**Animas River (Estes Arroyo to CO border)****Animas**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-2404_00	19.6	20.6.4.404	2010	1/1/2004	5/5C

**Use Information:****Designated Use (s):**

Coldwater Fishery  
Industrial Water Supply  
Irrigation  
Livestock Watering  
Municipal Water Supply  
Secondary Contact  
Wildlife Habitat

**Attainment:**

Not Supporting  
Fully Supporting  
Fully Supporting  
Fully Supporting  
Fully Supporting  
Fully Supporting  
Fully Supporting

**Assessment Information:****Probable Causes of Impairment:**

Sedimentation/Siltation  
Temperature, water

**TMDL Schedule:**

2004  
2004

**Probable Sources of Impairment:**

Channelization  
Drought-related Impacts  
Irrigated Crop Production  
Loss of Riparian Habitat  
Municipal (Urbanized High Density Area)  
Rangeland Grazing  
Streambank Modifications/destablization

**Assessment Unit Comments:**

This AU has a historic listing for stream bottom deposits. SWQB and the USDA National Sedimentation Lab are implementing a study to determine whether or not the AU is impaired due to excessive sedimentation (i.e., stream bottom deposits). This study is not yet complete as of this writing (4/4/04).

**Animas River (San Juan River to Estes Arroyo)**
**Animas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-2403.A_00	16.92	20.6.4.403	2010	1/1/2004	5/5C

**Use Information:**
**Designated Use (s):**
**Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Fishery	Not Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Warmwater Fishery	Not Supporting
Wildlife Habitat	Fully Supporting

**Assessment Information:**
**Probable Causes of Impairment:**
**TMDL Schedule:**

Fecal Coliform	2004
Nutrient/Eutrophication Biological Indicators	2004
Sediment Bioassays -- Acute Toxicity -- Freshwater	
Sedimentation/Siltation	2004

**Probable Sources of Impairment:**

Channelization  
 Drought-related Impacts  
 Flow Alterations from Water Diversions  
 Loss of Riparian Habitat  
 Municipal (Urbanized High Density Area)  
 Municipal Point Source Discharges  
 On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)  
 Petroleum/natural Gas Production Activities (Permitted)  
 Source Unknown  
 Streambank Modifications/destablization

**Assessment Unit Comments:**

This AU has a historic listing for stream bottom deposits. SWQB and the USDA National Sedimentation Lab are implementing a study to determine whether or not the AU is impaired due to excessive sedimentation (i.e., stream bottom deposits). This study is not yet complete as of this writing (4/4/04). There was a 0% exceedence rate of the proposed E.coli single sample criterion of 410/100mL. Regarding the bioassay-toxicity listings, TMDLs cannot be written based on toxicity data until the specific cause of the toxicity is determined.

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**Butler Street Reservoir****Animas**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-9000.B_026	3	unclassified	2010	1/1/2004	3

**Use Information:****Designated Use (s):****Attainment:**

Livestock Watering  
Wildlife Habitat

Not Assessed  
Not Assessed

**Assessment Information:****Assessment Unit Comments:**

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**Lake Farmington (Beeline Reservoir)****Animas**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-9000.B_006	198	unclassified	2010	1/1/2004	5

**Use Information:****Designated Use (s):****Attainment:**

Domestic Water Supply  
Livestock Watering  
Warmwater Fishery  
Wildlife Habitat

Not Assessed  
Fully Supporting  
Not Supporting  
Fully Supporting

**Assessment Information:****Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

2017

**Probable Sources of Impairment:**

Atmospheric Depositon - Toxics  
Source Unknown

**Assessment Unit Comments:**

Although not designated uses in the WQS, warmwater fishery and domestic water supply are existing uses. This is the City of Farmington's drinking water supply reservoir. Although currently designated for livestock watering and wildlife habitat, City of Farmington maintenance staff patrol the shores to discourage or prevent livestock use.

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**HUC: 14080105****Middle San Juan**

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**Jackson Lake****Middle San Juan**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-9000.B_005	60	unclassified	2010	1/1/2004	2

**Use Information:****Designated Use (s):****Attainment:**

Coldwater Fishery  
Livestock Watering  
Secondary Contact  
Wildlife Habitat

Fully Supporting  
Not Assessed  
Fully Supporting  
Fully Supporting

**Assessment Information:****Assessment Unit Comments:**

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**La Plata River (San Juan River to CO border)****Middle San Juan**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-2402.A_00	25.33	20.6.4.402	2010	1/1/2004	5/5B

**Use Information:****Designated Use (s):****Attainment:**

Irrigation  
Limited Warmwater Fishery  
Livestock Watering  
Marginal Coldwater Fishery  
Secondary Contact  
Wildlife Habitat

Fully Supporting  
Not Supporting  
Fully Supporting  
Not Supporting  
Not Supporting  
Fully Supporting

**Assessment Information:****Probable Causes of Impairment:****TMDL Schedule:**

Fecal Coliform  
Oxygen, Dissolved

2004  
2004

**Probable Sources of Impairment:**

Animal Feeding Operations (NPS)  
Drought-related Impacts  
Flow Alterations from Water Diversions  
Loss of Riparian Habitat  
On-site Treatment Systems (Septic Systems and  
Similar Decentralized Systems)  
Rangeland Grazing  
Streambank Modifications/destablization

**Assessment Unit Comments:**

This AU is not perennial throughout. There were conflicting results between the sonde data (using percentage) and grab data. SBD assessment not complete at the time of this writing (4/4/04).

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**San Juan River (Navajo bnd at Hogback to Animas River)****Middle San Juan**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-2401_10	32.27	20.6.4.401	2010	1/1/2004	5/5A

**Use Information:****Designated Use (s):****Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Fishery	Not Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Warmwater Fishery	Not Supporting
Wildlife Habitat	Fully Supporting

**Assessment Information:****Probable Causes of Impairment:****TMDL Schedule:**

Fecal Coliform	2004
Mercury in Fish Tissue	2017
Sedimentation/Siltation	2004

**Probable Sources of Impairment:**

Drought-related Impacts  
Municipal Point Source Discharges  
On-site Treatment Systems (Septic Systems and  
Similar Decentralized Systems)  
Rangeland Grazing

**Assessment Unit Comments:**

Marginal CWF may not be an appropriate use since the goal of the San Juan River Implementation Plan study and proposed change in Navajo Dam operations is to protect and improve habitat for warmwater fish in this reach. This AU has a historic listing for stream bottom deposits. SWQB and the USDA National Sedimentation Lab are implementing a study to determine whether or not the AU is impaired due to excessive sedimentation (i.e., stream bottom deposits). This study is not yet complete as of this writing (4/4/04).

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**Shumway Arroyo (San Juan River to Ute Mtn Ute bnd)****Middle San Juan**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Assessed Date:	IR Category:
NM-9000.A_021	13.2	unclassified	2010	1/1/2000	1

**Use Information:****Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Wildlife Habitat	Fully Supporting

**Assessment Information:****Assessment Unit Comments:**